AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1 (Currently Amended): Waveform display equipment which displays a plurality of waveforms based on waveform data obtained by measuring a plurality of signals to be measured in the display region of a display screen, comprising:

a discriminating means which determines a number of mutually different measuring periods for said plurality of measured signals ~~discriminates each measuring period for said displayed waveform data~~, and

a split display means which splits said display region into said number of mutually-different measuring periods based on the result of ~~discrimination~~ determination by said discriminating means and displays a waveform measured in one of the mutually-different measuring periods or a plurality of waveforms, each measured in the same measuring period composing one of the mutually-different measuring periods, in each of split display regions.

Claim 2 (Currently Amended): Waveform display equipment in accordance with claim 1, wherein said split display means splits said display region based on the shape of said display region and the result of said ~~discrimination~~ discriminating means.

Claim 3 (Original): Waveform display equipment in accordance with claim 2, wherein said split display means makes the size of each of said split display regions equal.

Claim 4 (Original): Waveform display equipment in accordance with any of claims 1 to 3, wherein a cursor means is provided, which displays cursors in each of split display regions split by said split display means and also displays these cursors in the positions corresponding to the same time or positions corresponding to the vicinities of that time.

Claim 5 (Currently Amended): A waveform displaying method in which a plurality of waveforms based on the waveform data obtained by measuring a plurality of signals to be measured is displayed in the display region on a display screen, further discriminating a number of mutually different measuring periods based on the result into [[a]] said number of mutually-different measuring periods based on the result of said discrimination, and displaying a waveform measured in one of the mutually-different measuring periods or a plurality of waveforms, each measured in the same measuring period composing one of the mutually-different measuring periods, in each of split display regions.

Claim 6 (Original): waveform displaying method in accordance with claim 5, wherein each cursor is displayed in each of said split display regions and these cursors are also displayed in the positions corresponding to the same time or positions corresponding to the vicinities of that time.

Claim 7 (New): Waveform display equipment which displays a plurality of waveforms based on waveform data obtained by measuring signals to be measured in the display region of a display screen, comprising:

a discriminating means which discriminates each measuring period for said displayed waveform data, and

a split display means which splits said display region into said number of mutually-different measuring periods based on the result of discrimination by said discriminating means and displays a waveform measured in one of the mutually-different measuring periods or a plurality of waveforms, each measured in the same measuring period composing one of the mutually-different measuring periods, in each of split display regions, wherein said split display means splits said display region based on the shape of said display region and the result of said discrimination.